No	Description of works	Unit	Quantity	Unit Price（USD）	Total Price（USD）
	FIXED FIRE ALARM SYSTEM WITH FIRE EXSTINGUISHING CONTROL 5.6.2_1				
1	Subsystem central unit for fire alarming and fire exstinguishing managment with two exstinguishing zones, with possibility of connecting four automatic detector and two manual coll point zones, with relay module for activation of alarm devices for exstinguisihing and other executive functions, including power supply unit and backup batteries for system autonomy , 2x12V, 7,2Ah, Central unit must have VdS attest.	set	1	3255.33	3255.33
2	Conventional optical smoke detector. Includes mounting base, short-circuit isolator and label.	set	4	37.57	150.28
3	Manual call point for stopping of the exstinguishing	set	1	29.52	29.52
4	Manual call point for activation of the exstinguishing	set	1	29.52	29.52
5	Alarm siren with orange flashlight	set	2	73.81	147.62
6	Warning iluminated panel with inscription "GAS - LEAVE THE ROOM!" or equivalent	set	1	92.59	92.59
7	Warning iluminated panel with inscription "GAS - DONOT ENTER!" or equivalent	set	1	92.59	92.59
8	Parallel light indicator that supports EN54 and VdS standard (FAA-420-RI-ROW or equivalent)	set	2	16.1	32.20
9	Magnetic contact for monitoring the fire door status,i.e. whether the fire door is open or closed, complete with a permanent magnet. Method of fixing must guarantee the stability of magnetic contact in aggressive environments and under extreme changes in temperature	set	1	21.47	21.47
10	Aspirational smoke detector for computer racks in room with space for two detection modules. It must enable connection of sufficient number of pipes for sampling and conveying air to highly sensitive smoke detectors. Detector module class A. With tree alarm levels (info, pre-alarm, alarm) for each detector, LED detector status indicator, fault state indicator and power state indicator, max sensitivity 0.005% (light obscuration/m). It must perform constant monitoring of flow trough pipes thus controlling the state of sampling pipes and cleanness of the sampling holes. The fan should have a min. 2 speeds. With LAN network card, integrated memory for incident storage. Comes with smoke detectors, filter modules, suction tubes, knees, suction set and other necessary equipment. The detector should meet EN54-20 class A, B C and have VdS attestation. (Titanus PRO SENSE 2/ net (TP-5), Wagner or equivalent)	set	1	4406.83	4406.83
11	Cabinet for powering the aspiration detector, in accordance with EN54. Temperature and time controlled battery charging process. Outputs with fuses. The cabinet contains all necessary travois, power units, automatic fuses, relay cards, input- output modules, bateries ... Kit with accessories for connecting equipment and wall mounting. Powering process overseen by system's central unit via dedicated addressable modules in the loop. (BOSCH FPP-5000 or equivalent)	set	1	1054.74	1054.74
	Install cable type:				

12	- J-H(st)H 2x2x0.8	m	100	0.70	70.00
	- JH(st)H 5x2x0.8	m	30	1.12	33.60
	NHXHX 3x1,5 FE180/E30	m	30	1.12	33.60
	NHXHX 3x1.5 FE180/E90	m	80	1.32	105.60
	Je-H(st)H /FE180/E90 2x2x0.8	m	110	1.83	201.30
13	Halogen-free corrugated installation hose with all fittings and connecting elements and clamps (3 pcs/1m), (installation in the building), (Dietzel Univolt FX) or equivalent. Inner diameter:				
	- Ø40	m	20	0.65	13.00
	- Ø36	m	150	0.65	97.50
	- Ø16	m	110	0.28	30.80
14	A fire stop compound that makes a compact unit with fire bar from the aspect of the required fire resistance, with the appropriate attestation, in accordance with the applicable legislation.	m2	4	50	200.00
15	Small sundry installation material (truss screws, U-clamps, expansion shields...)	set	1	1283.62	1283.62
	FIXED FIRE ALARM SYSTEM WITH FIRE EXSTINGUISHING CONTROL 5.6.2_2				
1	Subsystem central unit for fire alarming and fire exstinguishing managment with two exstinguishing zones, with possibility of connecting four automatic detector and two manual coll point zones, with relay module for activation of alarm devices for exstinguisihing and other executive functions, including power supply unit and backup batteries for system autonomy , 2x12V, 7.2Ah. Central unit must have VdS attest.	set	1	3255.33	3255.33
2	Conventional optical smoke detector. Includes mounting base, short-circuit isolator and label.	set	4	37.57	150.28
3	Manual call point for stopping of the exstinguishing	set	1	29.52	29.52
4	Manual call point for activation of the exstinguishing	set	1	29.52	29.52
5	Alarm siren with orange flashlight	set	2	73.81	147.62
6	Warning iluminated panel with inscription "GAS - LEAVE THE ROOM!" or equivalent	set	1	92.59	92.59
7	Warning iluminated panel with inscription "GAS - DONOT ENTER!" or equivalent	set	1	92.59	92.59
8	Parallel light indicator that supports EN54 and VdS standard (FAA-420-RI-ROW or equivalent)	set	2	16.1	32.20
9	Magnetic contact for monitoring the fire door status,i.e. whether the fire door is open or closed, complete with a permanent magnet. Method of fixing must guarantee the stability of magnetic contact in aggressive environments and under extreme changes in temperature	set	1	21.47	21.47

10	Aspirational smoke detector for computer racks in room with space for two detection modules. It must enable connection of sufficient number of pipes for sampling and conveying air to highly sensitive smoke detectors. Detector module class A. With trec alarm levels (info, pre-alarm, alarm) for each detector, LED detector status indicator, fault state indicator and power state indicator, max sensitivity 0.005% (light obscuration/m). It must perform constant monitoring of flow trough pipes thus controlling the state of sampling pipes and cleanness of the sampling holes. The fan should have a min. 2 speeds. With LAN network card, integrated memory for incident storage. Comes with smoke detectors, filter modules, suction tubes, knees, suction set and other necessary equipment. The detector should meet EN54-20 class A, B C and have VdS attestation. (Titanus PRO SENSE 2/ net (TP-5), Wagner or equivalent)	set	1	4406.83	4406.83
11	Cabinet for powering the aspiration detector, in accordance with EN54. Temperature and time controlled battery charging process. Outputs with fuses. The cabinet contains all necessary travois, power units, automatic fuses, relay cards, input- output modules, bateries ... Kit with accessories for connecting equipment and wall mounting. Powering process overseen by system's central unit via dedicated addressable modules in the loop. (BOSCH FPP-5000 or equivalent)	set	1	1054.74	1054.74
12	Installing cable type:				
	- J-H(st)H 2x2x0.8	m	200	0.70	140.00
	- JH(st)H 5x2x0.8	m	60	1.12	67.20
	- NHXHX 3x1.5 FE180/E30	m	60	1.12	67.20
	- NHXHX 3x1.5 FE180/E90	m	160	1.32	211.20
	- IS-H(ST)H /FE180/E90 2x2x0.8	m	220	1.83	402.60
13	Halogen-free corrugated installation hose with all fittings and connecting elements and clamps (3 pcs/1m), (installation in the building), (Dietzel Univolt FX) or equivalent. Inner diameter:				
	Ø40	m	20	0.99	19.80
	- Ø36	m	150	0.65	97.50
	- Ø16	m	110	0.28	30.80
14	A fire stop compound that makes a compact unit with fire bar from the aspect of the required fire resistance, with the appropriate attestation, in accordance with the applicable legislation.	m2	4	50	200.00
15	Small sundry installation material (truss screws, U-clamps, expansion shields...)	set	1	1283.68	1283.68
	General equipment and work				
1	Industrial outdoor switch (including power supply, switch, optical module)	pcs	14	745.33	10434.62
	Industrial outdoor switch power supply module	PCS	2.00	173.28	346.56
2	Network management server	set	1.00	4000.00	4000.00

3	Laptop ultrabook	pcs	5.00	2100.00	10500.00
4	Video meeting system（Including display screen, microphone, camera）	set	2.00	4855.66	9711.32
5	Temporary commissioning of Novi Sad and on-site (transmission, data network, AVIS, information screen display)	set	1.00	35000.00	35000.00
6	Field equipment commissioning	set	1.00	20000.00	20000.00
7	Freestanding antivandal cabinet for outdoor installation, double walls, corrosion protection housing, IP 65, dimension 800x650x600mm, equipped with sets for mounting 19 "equipment and 19" profiles, 650 mm wide horizontal rails and 600 mm deep horizontal rails and 100 mm high stand, equipped with the following equipment: rings for vertical managment of cables from the front and back of the cabinet, mounting equipment sets, marking labels for marking the patch and power cords, rail for equipotential bonding, power rails with minimum 8 schuko socket outlets in metal housing with cable and switch (Conteg, Conteg VO-P8-80 / 80, Conteg DP-MO-100, Penduit LJSL4-Y3-2.5, Conteg DP-ZE-RAM, Conteg DP-RP-08SCHUS) or equivalent)	pcs	6.00	0.00	0.00
8	Equipment and commissioning of AVIS system at Novi Sad station	set	1.00	27000.00	27000.00
9	UTP patch cord cat 6,10 meters long	pcs	10.00	10.46	104.60
10	UTP patch cord cat 6,5 meters long	pcs	20.00	5.05	101.06
11	Optical patch cord SM E2000/LC,10 meters long	pcs	10.00	19.87	198.70
12	Optical patch cord MM LC/LC,10 meters long	pcs	10.00	19.87	198.70
13	Patch panel for UTP cat 5/6 wigh 12(24)RJ45 outlets	pcs	2.00	24.84	49.68
14	Optical Tranceiver	PCS	50.00	50.33	2516.50
Total Price					143376.12